

The Wave Function and Energy of a Band Electron in
NaCl. II. by K. B. Tolpygo, O. F. Tomasevich, 9 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 12,
1960, pp 3110-3118.

AIP
Sov Phys - Solid State
Vol II, No 12

Sci
Jun 61

158, 132

Excited States of Two-Electron Color Centers in Ionic
Crystals and the α and β Absorption Bands, by
O. F. Tomasevich, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser: Fiz, Vol XXI, No 1,
1957, pp 74-77.

Columbia Tech

Sci - Electronics
Apr 58

61,560

1961-1962, SECTION OF RESEARCH IN THE ECONOMY,
OF SEPA RESEARCH, 17 PP.

CONSTITUTION, 1961, INCLUDING POLITICAL, NO 2, 1961,
PP 107-112.

1961-1962

1961-1962-1963

1961-1962-1963
1961-1962-1963
1961-1962-1963

1961-1962

S-4399

(DC-2003)

The Veterinary Service and Livestock Production in
the People's Republic of Montenegro, by T. Tomasevic,
8 pp.

CROATIAN, no per, Veterinarski Glasnik, Vol XII,
No 5, Belgrade, May 1958, pp 311-316.

✓ US JPRS/DC-L-454

K&ur - Yugoslavia

Econ

66,845

95
Defects in Alkali-Halide Crystals,
by P. F. Tomaszewich,
JOURNAL, Per, Int. Revue d'Elect. Phys.
Vol. 17, 1951, pp 1223-1226.
AND IS-14

Col. H/M
Apr 65

278,706

The Effect of Local Magnetic Field Perturbations on
Confinement of Particles in an Adiabatic Magnetic Trap
By N. N. Brevnov and Yu. F. Tomashchuk pp. 8

RUSSIAN, per, Atomnaya i Energiya, Vol XIII,
No 5, 1962, pp. 421 - 428

CB

Sci

Oct 63

240-797

240-776

Investigation on the Corrosion of Metals, by
N. D. Tomashev.

RUSSIAN, bk, 1959, 169 pp.

Pergamon Press R.88

Sci - Min/Met

Apr 61

Design and Economics of Aircraft, by D. L. Tomashevich,
251 pp.

RUSSIAN, bk, Konstruktsiya i Ekonomika Samoleta,
Moscow, 1960, pp 1-202. 9695760

ITD-MT-64-102

NRGOV'T USE ONLY

Sci - Engr
Jan 65

271,434

Phosphorus Nutrition of Cereals and Legumes
at the Beginning of Growth, by P. A. Dmit-
riyev, M. G. Tomashovskaya, Sp.

RUSSIAN, per. Fiziologiya Rasteniya, Vol X,
No 2, 1963, pp 142-147.

GB

Sci.
EKE Jan 64

245, 711

A Study of the Shear Modulus for Samples of Rocks
Under High Confining Pressures by the Twisting
Method, by I. S. Tomashevskaya, 4 pp.

RUSSIAN. per, Iz Ak Nauk SSSR, Ser Geofiz, No 3,
1961, pp 438-442.

AGU

170,023

Sci

Sep 61

Germanium Diffusion Diode With Low Switching Time, by
E. G. Miselyuk, R. L. Tomashevskaya, Yu. V. Basyura,
4 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 12,
1959, pp 2088-2090.

PP

Sci -
Arp 61

146,585

Variation of the Time Necessary to Rupture Solids in
High Vacuum as a Function of Stress, by S. N. Zhurkov,
B. Ya. Levin, E. E. Tomashevskiy, 3 pp.

RUSSIAN, par, Fiz Tverdogo Tela, Vol II, No 9, 1960,
pp 2066-2069.

AIP
Sov Phys - Solid State
Vol II, No 9

Sci

Apr 61

144,506

Microscopic Investigation of Crack Propagation on
Rupture, S. N. Zhurkov and E. E. Tomashevskiy, 9 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 6, 1957,
pp 1248-1256.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 6

Sci - Phys

May 58

62,735

The Solubility of the Selenites of Certain Metals, by
V. G. Chukhlantsev and G. P. Tomashevsky, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol. XII, No 3, 1957,
pp 296-301.

Consultants Bur

Sci - Chem

May 58

64,874

Static Investigation of the Modulus of Elasticity
of Metals Under Hydrostatic Pressures of up to
4000 kg/cm², by Z. I. Stakhovakaya, I. S. Tomashev-
skaya, 4 pp

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 4,
1960, pp 589-592

PP

Sci
May 61

15/027

Investigation of the Hardness of Solid Bodies.
II. Dependence of Durability on Pressure, by
S. N. Zhurkov, E. E. Tomashevskiy, 11 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXV, No 1,
1955, pp 66-73.

Morris D. Friedman
\$5.50

Scientific - Physics
CTB 75/Oct 1955

27,895

Investigation of Macroradicals Arising during
Mechanical Breakdown of Polymers, by S. N. Zhurkov,
E. E. Tomashevskiy, 5 pp.

NbLIII
RUSSIAN, per, Fiz Tverdogo Tela, No. 9, 1961, pp.
2841-2847

AIP
Sov Phys-Solid State
Vol III, No. 9

Sci

Mar 62

192,483

High-Coercivity Carriers, by G. S. Veksler, P. S.
Tomashevskiy, 8 pp.

RUSSIAN, per, Radiotekhnika, Vol XIII, No 6, 1958,
pp 68-71.

Pergamon Press

Sci - Electron

Sep 59

96,612

New Problems and Obsolete Methods in
Training, by V. Tomashevskiy, F. Kalinichenko,
5 pp.

RUSSIAN, per, Voyenny Vestnik, No 9,
1962.

ACSI I-0424-I
ID 2191530

Sci

220,317

Jan 63

Generosity of the Soul, by V. Tomashevskiy, 3 pp.

RUSSIAN, per, Voyennyy Vestnik, No 4, 1962.

ACSI I-0424 D

ID 2191530

Sci

22 Oct 62

213,606

(SF-1379)

On the Principal Trends of Development and
Reconstruction of Petroleum Products Distribution
Centers, by A. K. Tomashin, K. I. Kiryushkin, A. B.
Shipitsyn, 7 pp.

RUSSIAN, per, Neft Khoz, No 4, 1961, pp 60-65.

JPRS 11011

USSR

175, 668

Econ

Dec 61

The Mechanism of the Electrochemical Corrosion
of Titanium. III. The Corrosion and Electrochemical
Behaviour of Titanium and Its Platinum and Palladium
Alloys in Sulphuric and Hydrochloric Acid
Solutions, by R. D. Tomashov, G. P. Chernova,
5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIV, No 5,
1961, pp 1068-1077.

Cleaver-Hume Ltd

Sci
May 62

195,425

Electrochemical and Corrosion Behaviour of
Semiconductors in Electrolyte Solutions. I.
Electrode Processes on Germanium in Sulphuric-
acid Solution in the Presence of Hydrogen
Peroxide, by N. D. Tomahov, E. N. Paleolog,
A. Z. Fedotova, 2 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 4,
1960, pp 838-840.

Cleaver-Hume Press

Sol
Feb 61

140,667

Electrochemical Kinetics of Corrosion Processes
Under Adsorbed Films of Moisture, by
H. D. Tokashov, Yu. N. Mikhailovskiy, 9 pp.

RUSSIAN, per, Scientific Treatise of the 4th
Conference on Electrochemistry, 1956. 9093331

AEC Tr-5003

Sci - Phys

193, 991

Apr 62

Study Of the Elektro-chemical Corrosion Of Magnesium by N.D. Tomashov and others.

RUSSIAN, per, Trudy Akademii Nauk S.S.S.R.
Institut Fizicheskoi Khimii, Vol IV, 1955,
pp 172-197.

CSIRO

Oct. 62

Influence of the Structure of Thick-Layer Layered
Anodic Oxide Films on Their Properties, by N. D.
Tomashov, F. P. Zalivalov, 7 pp.

RUSSIAN, per, Zhur Rik Prik Khin, Vol XXXIV, No 8,
1961, pp 1799-1806.

CB

Sci

Jun 62

200,558

Amplifiers for Automatic Tracing of Electrochemical Potentials, by H. I. Isayev, N. D. Tomashov, 11 pp.

RUSSEIN, per, Trudy Inst Fiz Khim, Ak Nauk SSSR,
No 7, 1959, pp 96-104. 9093302

AEC Tr-5004

Sci - Phys, Chem
Apr 62

191,283

63-13956

Tomashov, N. D. and Berukshtis, G. K.
METHOD OF DETERMINATION OF THE RATE OF
CORROSION PROCESSES UNDER THIN FILMS OF
ELECTROLYTE (Metod Opredeleniya Skorosti
Korroziionnykh Processov pod Tonkimi Ploshkami
Elektrolita) tr. by Lydia Venters. Feb 62, 9p. 7 refs.
Order from OTS or SLA \$1.10 AEC-tr-5009

I. Tomashov, N. D.
II. Berukshtis, G. K.
III. AEC-tr-5009
IV. Argonne National Lab.,
Ill.

Trans. of [Akademiya Nauk] SSSR. Institut Fizicheskoi
Khimii. Trudy, 1959, v. 7, p. 5-10.

DESCRIPTORS: *Electrochemistry, *Corrosion
research, Electrolytes, Thin films, *Measuring
devices (Electrical and electronic), *Batteries and
components, Design, Soils, Sea water.

A new electrochemical method for determining the rate
of corrosion processes from the magnitude of the cor-
rosion current recorded by the model of a microcor-
rosion element was worked out. This method allows one
(Metallurgy-Corrosion, TT, v. 9, no. 7) (over)

230391

Office of Technical Services

A Method for Obtaining Anode Curves by Means of
Cathode Polarization, by E. N. Mirolubov, M. M.
Kurteppov, E. D. Tomashov, 4 pp.

RUSSIAN, per, Trudy Inst Fiz Khim, Vol V, No 7,
1959, pp 51-53. 9093266

AEC Tr-5005

Sci - Phys, Chem
Apr 62

190,381

Mechanism of the Electrochemical Corrosion of Metals
Under Insulating Coatings. II. Kinetics of Cathodic
Processes During the Corrosion of Metals Under
Insulating Coatings, by N. D. Tomashov, Yu. N.
Mikhailovskiy, V. V. Leonov, 3 pp.

RUSSIAN per, Zhur Fiz Khim, Vol XXIV, No 3, 1961,
pp 588-594.

Cleaver-Hume Press Ltd.

Sci

Feb 62

182,704

Application of a Method of Polarization With Intermittent
Current to the Study of the Corrosion Processes in Media
of High Ohmic Resistance, by Yu. N. Nikhailovskiy,
M. D. Romashov, 14 pp.

RUSSIAN, per, Trudy Inst Fiz Khim, Ak Nauk SSSR,
No 7, 1959, pp 85-95. 9094896

AEC Tr-5006

Sci - Phys, Chem
May 62

196, 814

Application of an Ohmic Capacitative Method for the
Study of the Behavior of Protective Films During
Corrosion of Metals in the Stressed Condition, by
D. Tomashov, N. I. Isayev, 9 pp.

per,

RUSSIAN, Trudy Inst Fiz Khim, Ak Nauk SSSR, No 7,
1959, pp 78-84. 7091897

ABC Tr-5007

Sci - Phys, Chem
May 62

196,815

Method of Determination of the Rate of Corrosion
Processes Under Thin Films of Electrolyte, by N. D.
Tomashov, G. K. Berukshtis, 9 pp.

RUSSIAN, per, Trudy Inst Fiz Khim, Ak Nauk SSSR,
No 7, 1959, pp 5-10. 9099895

ABC Tr-5009

Sci - Phys, Chem
May 62

196, 816

Development of the Electrochemical Theory of Metal
Corrosion, by N. D. Tomashov.

HUNGARIAN
RUSSEAN, per, Acta Technica Academiae Scientiarum
Hungaricae, Vol XXXII, Nos 1-2, 1961, pp 163-183.

BISI 2476

Sci - Engr
Mar 63

326,642

Electrolytes of Low Corrosiveness for
Anodizing of Large Surfaces and Articles
of Complex Configuration, by N. D. Tomashov,
A. V. Byalobzheskiy, N. N. Ignatov, 5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV,
No 5, 1961, pp 1072-1076.

CB

Sci

186,008

Feb 62

Comprehensive Investigation of Corrosion-
Cracking Processes, by N. D. Tomashov, I. A.
Andrayev, N. I. Isayev, 3 PP.

RUSSIAN, per, Zavod Lab, Vol XXV, No 10, 1959,
pp 1200-1202.

Instru Soc of Amer

Sci

Sep 60

126,225

Corrosion and Protection of Structural Metals, by
N. D. Tomashov.

RUSSIAN, bk, Korroziya i Zashchita Konstruktsionnykh
Metallicheskikh Materialov, 1961. (Table of Contents
Only)

9665218
Navy Tr 3041/NEL 881

Sci

Mar 62

EFFECT OF ALLOYING ELEMENTS ON THE TENDENCY OF
STAINLESS CORROSION-RESISTANT STEELS TO PITTING
CORROSION, BY A. B. FRIDMAN, G. P. CHERNYA, ET AL,
17 PP.

RUSSIAN, FOR, HIGHLY ALLOYED I SPLOY, SERNIK,
1961, PP 7-89.

474,286

211-407 & MET
DEC 63

244,286

Method of Determining the Corrosive Power
of the Atmosphere, by N. D. Tomashov, G. K.
Derukhtis, 12pp
RUSSIAN, per, Novye Metody Fiz-Khim Issledovani, Vol 2, 1957, pp 50-55
SLA TT-63-10156

N. D. Tomashov

Sci - IS
June 67

329,427

A Method for Electrochemical Investigation of
Atmospheric Corrosion at 100 % or Lower Relative
Humidity of the Air, by Yu. N. Mikhailovskiy, N. D.
Tonashkov.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 12, 1957,
pp 1462-1466.

ATS RJ-2064

Sci - Chem
Dec 59

104,062

Mechanism of the Electrochemical Corrosion of Titanium
II. Corrosion and Passivity of Titanium in Hydrochloric
Acid in the Presence of Ions of Platinum, Copper, and
Iron, by N. D. Tomashov, R. M. Al'tovskiy, pp 4.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 10, 1960,
pp 2268-2274.

Cleaver-Hume Press

Sci

Aug 61

164, 176

77
108
The Influence of Cathodic Additions on the
Atmospheric Corrosion of Low Alloy Steels.
by E. D. Donashov and A. A. Lokatilov.
RUSSIAN, rpt. Korroziya i Zashchita Stalei.
Moscow Mashin. 1959. pp 171-181.
*RISI 6370

Sci-Mat
May 68

E. D. Donashov

Kinetics of Electrode Processes and Self-
Dissolution Mechanism of n and p-Type
Germanium With Different Specific Resistivity,
by E. M. Paleolog, A. Z. Fedotova, N. D.
Tomashov. 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, pp 900-903.

MDT P-167

9093079

173, 315

Scl
Nov 61

11 916

US-4 US-5 UK-12

TOMASHOV N. D., AL'TOVSKII R. M.

The study of the mechanism of electrochemical corrosion of titanium. I. The corrosion and electrochemical properties of titanium in sulphuric acid in presence of halogen ions

* Zhur. Fiz. Khim., 33, No. 3, 610-616 (1959)

RTS 1510. \$ 3.30 (ph), \$ 2.40 (mf), 60-23812 (US-4 US-5) - English

* UK-12: English

OTS 60-23812
Euratom

Electrode Processes on Germanium in Sulfuric
Acid Solutions in the Presence of an Oxidizer,
by Ye. N. Paleolog, A. Z. Fedotova, N. D.
Timoshov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 3, 1959, pp 623-626.

MDF P-140

Sci
Aug 61

163,131

OIS, Vol III, No 12



Controlling Factors in the Protection of Metals
From Corrosion, by N. D. Tomashov, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 2, 1961, pp 236-244.

CB

Sci

Jun 62

198,801

The Electrochemical Corrosion of Metals Under
Insulating Coatings, I. Kinetics of the Break-
down of Insulating Coatings on Metals in
Electrolytes, by M. D. Tanchay, Yu. G.
Mikhailovskiy, V. V. Leonov, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 2,
1961, pp 307-315.

Cleaver-Hume Press

Sci

181, 012

Jan 62



Investigating the Microstructure of Anode Oxide
Films on Aluminum by Means of an Electron
Microscope, by F. P. Zalivalov, M. N. Tyukina,
N. D. Tomashov, 2 pp.

RUSSIAN, per, Zavod. Lab, Vol. XXV, No 6, 1959,
pp 696-698.

Instru. Soc of Amer

Sci

119,592

Jun 60

Certain Details of the Cathodic Process on Stainless
Steels in Nitric Acid Solutions, by E. N. Mirolubov,
M. M. Kurtegov, E. D. Tomashov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,
1959, pp 1288-1291.

Consultants Bureau

Sci
Apr 60

114,811

Influence of Anodic Polarization on Intergranular
Corrosion of Stainless Chromium-Nickel Steels, by
N. D. Tomashov, G. P. Chernova, O. N. Markova, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 6,
1960, pp 1324-1333.

CB

Sci

Jun 61

158,449

Effect of Cathodic Structural Components on Corro-
sion and Passivity of Stainless Steels, by N. D.
Tomashov, G. P. Chernova, 18 pp. UNCLASSIFIED

RUSSIAN, rpt, Trudy Komissii po Bor'be Korrozii
Metallov Akademii Nauk SSSR, Otdeleniye Khimicheskikh
Nauk, Moscow, No 2, 1956, pp 135-148. 9676662

Navy 2250/ERL 730

Sci - Min/met
Aug 59

CIA/FDD X-3453

95, 643

A Method of Removing Thin Oxide Films from the
Surface of Titanium and the Investigation of
Their Structures, by N. D. Timashov, R. M.
A. I. Novskiy, M. Ya. Kushnerov, 18 pp

Russian, *rev*, *Zametki*, Vol XXVI, no 3,
1960, pp 298 - 301. ^{ISA}
Sci-
Fed 61

140,856

Increase of Passive State Stability of Stainless
Steels, by N. D. Tomashov, G. P. Chernova, 15 pp.
UNCLASSIFIED

RUSSIAN, rpt, Trudy 5-go Vsesoyuznogo Soveshchaniya
po Korrozii Metallov Izdat Akad Nauk, SSSR, 1956,
pp 68-78.

Navy 0253/NRL 733

sci. Min/met
Aug 59

CIA/PDD K-3452

95, 646

Phenomena of Destruction of the Passive State
in Stainless Steels in Highly Oxidizing Solutions,
by N. D. Tuzashov, G. P. Chernova. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XL XCVIII,
No 3, 1954, pp 435-438.

Navy 2254/NRL 734

Sci - MET/met
Aug 59

CIA/TDD X-3460

95,663

The Stability of the Passive State in Metals Under
Mechanical Stress, by N. D. ~~Isayev~~ Tomashov, N. I.
Isayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No ³ 20,
1959, pp 619-808.

CB

Sci
Aug 60

124,219

Effect of Cathodic Structural Components on Corrosion
and Passivity of Stainless Steels, by R. D. Taganov,
G. E. Shchegolev, et al.

RUSSIAN, per, Trudy Khimicheskoi po Bor'be Korrozii
Metallov Akademi Nauk SSSR, Otdeleniye Khimicheskikh
Nauk, Moscow, No 2, 1956, pp 135-148.

FDD/X-3453

Naval War 730

Electrochemistry and Corrosion of Semiconductors
in Electrolyte Solutions. III. Dissolution of
Germanium in Contact with Other Metals, by
O. G. Deryagina, Ye. N. Paleolog, N. D. Tomashov,
4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 9,
1960, pp 1952-1959.

Cleaver-Hume Press

Sci
Aug 61

167,064

The Mechanism of the Anodic Dissolution of
Metals in Soils, by N. D. Tomashov, Yu. N.
Mikhailovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 6, 1959, pp 1285-.

Consultants Bureau

118,962

Sci

Jun 60

The Anodic Protection of Titanium in Sulfuric
Acid, by N. D. Tomashov, R. M. Al'tovskiy, A. G.
Arakelov, 4 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Vol. CXLI, No. 5,
1958, pp. 885-.

Consultants Bureau

Sci. - Phys.

Sep 59

97,652

Calculation of the Degree of Possibility of Conclusive
Proof, by A. D. Todorov, ~~SECRET~~ UNCLASSIFIED

Final translation.

EX-100, Office-no per, Det At Carkland, Vol 1111111,
30 11 1973, pp 705-708.

Naval Tr ~~SECRET~~ 87

Co-op Tr Scheme 87

Scientific - Materials/Details

Sep 93 021

5589

Development of a Method of Cleaning the Sur-
face of Metals Under a Solution for the In-
vestigation of Passivity Phenomena,
by H. D. Zolotarev, G. P. Chernova, R. M.
Akhmetovskiy, G. K. Blinchevskiy, 84 p.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 3,
1958, pp 299-302.

Instru Soc of Amer

Sci

Apr 60

113,281

The Theory of the Atmospheric Corrosion of Metals,
by N. D. Tomashov, 8 pp. UNCLASSIFIED

RUSSIAN, Encl to IR-74-51, (OT-B-187), AA Paris.

AF 382511

Scientific - Physics

Dec 1951 CTS

A12096

Mechanism of Corrosion of Metals in Molten Chlorides, by
N. D. Treshov, N. I. Tugarinov, 7 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXX, No 11, 1957,
pp 1619-1625.

Consultants Bureau

Sci - Chem

Feb 59

82,163

TOMASHOV, N.D.

Electrochemical Investigation of the Corrosion Process
of Metals in Ethylene Glycol Solutions - Russ per Zhur
Fiz Khim Vol XXII, No 2, 48 AMC/NAD 44774-D Oct 49 CTS

PA 64567

A12095

Testing of Aluminum Corrosion During Anodic
Polarization, by M. D. Tomashov, V. N. Modestova,
26 pp. (ATIC 79062-D). UNCLASSIFIED

RUSSIAN, papers, Issledovaniya po Korrosii Metallov,
Published by USSR Akad Nauk, Moscow, 1951.

ATIC F-TS-8030-A

Scientific - Minerals/Metals

Sep 53 CTS/DEK

CIA 1803554

5079

Hydrogen and Oxygen Depolarization in Metal
Corrosion, by H. D. Tomashov, T. V. Matveeva,
28 pp. (ATIC 79062-D). UNCLASSIFIED

RUSSIAN, papers, Issledovaniya po Korrosii Metallov,
Published by USSR Akad Nauk, Moscow, 1951.

ATIC F-TS-8030-A

Scientific - Minerals/Metals CIA 1803554

Sep 63 CTS/DEK

5093

Hydrogen and Oxygen Depolarization in the Corrosion
of Metals, by N. D. Tomashov, T. V. Matveyeva.

RUSSIAN, per, Trudy Inst Fiz Khim Ak Nauk SSSR,
Vol II, No 1, 1951, pp 146-165.

Assoc Tech Sv

Tr RJ-607

\$18.75

52,243

Sci - Min/Metals, metallurgy
8ap 57

Electrochemical Theory of Corrosion and Means
for Increasing the Corrosion Resistance of
Metal Alloys, by N. D. Tomashov.

RUSSIAN, per, Uspekhi Khim, Vol XXIV, 1955,
pp 453-70.

Assoc Tech Services

RJ-342

33,325

Sci - Chemistry, Electricity, Minerals/Metals

Apr 56

Theory of Subsurface Corrosion of Metals, by N. D.
Tomashov.

No 2,
RUSSIAN, per, Uspekhi Khim, Vol XXVI, /1957, pp 139-163.

Sci - Min/Met

Apr 58

Tech and Com

Assoc Tech Service
The RJ 1212

62,253

A Study of the Electrochemical Corrosion of
Magnesium, by N. D. Tomashov, V. S. Koniscarova,
N. A. Timonova, 34 pp. UNCL

RUSSIAN, per, Trudy Inst Fiz Khim Ak Nauk SSSR,
No 4, 1955, pp 172-197.

Sci Mus Lib 58/2000

Sci - Chem
Mar 59

83,404

TOMASHOV, N. D.

SINEL ' SHCHIKOVA, G. P.

VEDENKEVA, M. A.

Doklady Akad. Nauk SSSR, Vol. 62, 1948, pp. 195-108,
2 figures, 1 table, 1900 words.

Mechanism of Corrosion of Copper Steels.

Brutcher Trans, Order No. 2399, \$2.95.

A-11173

The Study of the Mechanism of Electrochemical
Corrosion of Titanium, by N. D. Tomashov, R. M.
At'torskiy

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 5,
1956, pp 781-783.

DSIR LLU RTS 1510

Sci - Chem

Aug 60

122,509

Anodic Processes Accompanying the Corrosion
Cracking of Metals, by N. D. Tomashov, N. I.
Isayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 409-412.

CB

Sci

Apr 61

149,131

Anodic Dissolution of Germanium with a p-n
Junction, by O. G. Deryagina, E. N. Paleolog,
N. D. Tomashov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 388-391.

CB

EX Sci

Apr 61

149,203

Kinetics of Electrode Processes on $\frac{1}{4}$ Silicon Electrode in Acid and Alkaline Solutions, E. N. Paleolog, K. S. Korotkova, N. D. Tomashov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1, 1960, pp 170-173.

CB

Sci

Apr 61

149,208

Investigation of Electrobrightening of Metals,
by P. V. Shchigolev, N. D. Tomashov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 2,
1955, pp 327-330. 9093107

23,608 Bratcher Tr No 3502

2.90

Scientific - Min/Metall

May 55 EEL CTS

Theory of Corrosion and Protection of
Metals, by N. D. Tomashov, 29 pp.

RUSSEIAN, bk, Teoriya Korozii i Zashchity
Metallor, pp 535-542; 555-556; 583-586;
571-572. 9670560

✓ (P 589)
PP ~~XXXXXXXXXX~~
FTI-MCL-713/1

Sci - Min/Metal

Aug 61

164,367

Some Relations in the Growth of Anodic Oxide Films
on Aluminum in Sulfuric Acid Solution, by M. D.
Tomashov, A. V. Byalobzheskiy.

RUSSIAE, per, Trudy Inst Fiz Khim, Vol II, No 1,
1951, pp 136-145.

Assoc Tech Sv
RJ-315

39,868

Sci - Chemistry
Oct 1956 CES/aer

Investigation of Kinetics of the Electrode
Processes Under the Films of Absorbed Moisture,
by N. D. Tomashov, Yu. N. Mikhailovskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX,
No 6, 1956, pp 1026-1029.

Navy Tr 1626/NRL 651

Sci - Physics
Feb 58

58,585

Erosion Resistance of Anodic Oxide Films on
Aluminum Alloys, by N. D. Tomashov, A. V. Shreider,
A. V. Byalobzheky, 4 pp.

RUSSIAN, no par, Zhur Prik Khim, Vol XXVI, No 12,
Dec 1958, pp 1252-1257. CIA D 168963

5

Consultants Bureau

Scientific - Chemistry

Mar 55 CTS/DEX

21,655

Corrosion and Electrochemical Behavior of Stainless
Steels Under Cathode Polarization in Nitric Acid
Solutions, Communication 2. Cathode Processes on
Stainless Steels in Nitric Acid Solutions, by E. N.
Mirolubov, M. M. Kurtepov, N. D. Tomashov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1960, pp 1178-1184.

CB

165,864

Soi
Sep 61

Corrosion and Electrochemical Behavior of Stainless
Steels Under Cathode Polarisation in Nitric Acid
Solutions. Communication 3. Effect of Steel Com-
position, by E. N. Mirolyubov, M. M. Kurtepov,
N. D. Tomashov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1960, pp 1185-1190.

CB

165,858

Sol
Sep 61

Increase of Passive State Stability of Stainless Steels,
by H. D. Tomashov, G. P. Chernova, 15 pp.

RUSSIAN, per, Trudy 5-go Vsesoyuznogo Soveshchaniya po
Korrozii Metallov, Moscow, 1956, pp 66-78

FDD/X-3452

Sci
Apr 58

* Navy / NRh 733

Disruption of the Passive State of Stainless Steels in
Strongly Oxidizing Solutions, by N. D. Tomashov, G. P.
Chernova, 7 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Novaya Seriya, Vol
XCVIII, No 3, 1954, pp 435-438.

FDE/X-3460

Sci
Apr 59

Production Producing a Massive Wave in Metal, by
I. I. Gorbunov, 1953, UNCLASSIFIED

SSR, Leningrad, 1953, Dok Ak Nauk SSSR,
No 6, 1953, pp 1023-1026.

Navy Dr 823/101. 446

Article: - Minerals/Metals

Exp 53 CTS

5598

Certain Regularities in the Growth of Anodic Oxide
Films on Aluminum in a Solution of Sulfuric Acid,
by N. D. Tomashov, A. V. Byalobzhesky, 15 pp.
(ATIC 79062-0). UNCLASSIFIED

RUSSIAN, papers, Issledovaniya po Korrosii Metallov,
Published by USSR Akad Nauk, Moscow, 1951.

ATIC F-TS-8030 A

Scientific - Minerals/Metals CIA 1803554

Sep 53 CTS/DEX

5092

Investigation of the Anodic Oxidation of Aluminum
in Sulfuric Acid, by N. D. Tomashov, M. N.
Tyubin, 24 pp. (ATIC 79062-D). UNCLASSIFIED

RUSSIAN, papers, Issledovaniya po Korrosii Metallov,
Published by USSR Akad Nauk, Moscow, 1951.

ATIC F-TS-8030-A

Scientific - Minerals/Metals

Sep 53 CTS/DEX

CIA 1803554

5103

Determination of Susceptibility to Inter-
granular Corrosion of Welds in Structures,
by F. D. Tomashov, O. G. Deryagina..

RUESTAN, per, Zavod Lab, Vol XXIII, No 6,
1957, pp 679-682.

Brutcher 4461

Sol - Min/Met

Jun 59

90,036

Electrochemical Investigation of Anodic films on
Aluminum, by M. N. Tyukin, N. D. Tomashov, 14 pp.
(ATTC 79062-D). UNCLASSIFIED

RUSSIAN, papers, Issledovaniya po Korrosii Metallov,
Published by USSR Akad Nauk, Moscow, 1951.

ATTC F-TS-8030-A

Scientific - Minerals/Metals

Page 33 CTS/DEL

CIA 1803554

5137

A STUDY OF THE STRUCTURE OF PASSIVE OXIDE FILMS
ON THE SURFACE OF TITANIUM, BY T. D. TOMASHOV,
R. M. AL'TOVSKIY, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 4,
1961, PP 913-916.

CB

SCI - PHYS CHEM

SEP 62

209,637

The Combined Action of S sulphides and Organic
Compounds on the Acid Corrosion and Brittleness
of Iron, by Z. A. Yofa, G. N. Tomashova, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 5,
1960, pp 1036-1043.

Cleaver-Hume Press

Sci
Feb 61

140,647

Some Problems in the Use of Cathode Followers in a
Phanotron Circuit, by A.M. Tomashpol'skiy, 2* PP

RUSSIAN, par. Radiotekhnika, Vol XVI, No 7, 1961

AIEE

191,823

Sci

Mar 62

Concerning Recombination Radiation Spectra from Fused
p-n Junctions in SiC, by F. G. Tomashpol'skiy, G. P.
Kholuyanov, 4 pp.

RUSSIAN, *Fiz Tverdogo Tela*, No. 9, 1961, pp.
2688-2693

AIP
Sov Phys-Solid State
Vol III, No. 9

Sci

Mar 62

192, 464

Economy of Materiel in an Important Economic Task,
by L. M. Tomashpol'skiy, 2 pp.

RUSSIAN, per, Neftyanoye Khozyoystvo, No 9, 1955,
pp 7-11, Encl to IR-1953-56, 27 Jan 1956. CIA
D-399627. *(AFCIN-1A1)*

AF-723278

32,650

USSR

~~Military~~

Economics - *PETROLEUM*

Important Conditions for Rhythmic Work of the
Petroleum Industry, by L. M. Tomashpolskiy.

RUSSIAN, no per, Neft Khoz, Vol XXXIV, No 12,
1956, pp 7-13.

Tech and Comm
\$60.00

51,019

~~Subox Eng~~

USSR

Econ

Aug 57